

## Abstract

**[0023]** Method and system to save historical hard disk performance data are described. In one embodiment, the method and system include storing historical hard disk performance data on a non-volatile memory unit of a system; the data being available on the memory unit after the system has been rebooted. In one embodiment, the non-volatile memory unit is a cache of the hard disk. Furthermore, the historical performance data may be used to implement a power management policy of the hard disk.